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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/030,518	02/23/98	GARCIA	F 78635

PM52/1203
COASTAL SYSTEM STATION DAHLGREEN DIVISIO
NAVAL SURFACE WARFARE CENTER
6703 WEST HIGHWAY 98 CODE CP2L
PANAMA CITY FL 32407-7001

EXAMINER	
HOWELL, J	
ART UNIT	PAPER NUMBER
3641	2

DATE MAILED: 12/03/98

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/030,518

Applicant(s)
Felipe Garcia

Examiner
Jeffrey Howell

Group Art Unit
3641



☐ Responsive to communication(s) filed on _____.

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

- ☒ Claim(s) 1-11 is/are pending in the application.
- Of the above, claim(s) _____ is/are withdrawn from consideration.
- ☒ Claim(s) 1 and 2 is/are allowed.
- ☒ Claim(s) 3-11 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claims _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☒ The drawing(s) filed on Feb 23, 1998 is/are objected to by the Examiner.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☒ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
- ☐ received.
- ☐ received in Application No. (Series Code/Serial Number) _____.
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

- ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- ☒ Notice of References Cited, PTO-892
- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☐ Interview Summary, PTO-413
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: Numbers 17a and 19.

Correction is required.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "18" has been used to designate both "detonation cord booster" (see page 8 line 6) and "detonation cord" (see page 7 lines 10-11). Correction is required.

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "33" and "35" have both been used to designate the same bore. See page 10 lines 19-21. Correction is required.

Specification

4. The disclosure is objected to because of the following informalities: The word "tolls" should be changed to --tools--. See page 10 line 2. The number "18" should be removed from page 14 line 5.

Appropriate correction is required.

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Claim Objections

5. Claims 1 and 6 are objected to because of the following informalities: In claim 1 line 4, the letter "a" needs to be inserted between the words "of " and "detonating". In claim 6 line 2, "outed" should be changed to --outer--. Appropriate correction is required.

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 3-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
8. Claim 3 recites the limitation "said strength" in line 4. There is insufficient antecedent basis for this limitation in the claim. Neither claim 3 nor any of the claims on which claim 3 depends has a strength limitation.

Allowable Subject Matter

9. Claims 1 and 2 are allowed.
10. Claims 3-11 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

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Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Martner et al. is cited to show a linear explosive device connected through male and female portions having axial bores for a detonating cord and a strength member to take the strain off the detonating cord. Davis is cited to show a coupling device that position the ends of two detonating cords with boosters adjacent to one another. Phillis is cited to show a connector with a spring clip. Itria et al. is cited to show an enlarged bore next to an axial bore. Littleton is cited to show a cylindrical mine clearing device. Lindsley is cited to show an explosive device with strength members. Zabelka et al. is cited to show a mine clearing device deposited along a mine field by a rocket.

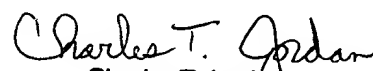
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Howell whose telephone number is (703) 305-0886. The examiner can normally be reached on Monday through Friday from 8:00 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Jordan, can be reached on (703) 306-4159. The fax phone number for the organization where this application or proceeding is assigned is (703) 306-4195.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-4177.

JH

December 1, 1998


Charles T. Jordan
Supervisory Patent Examiner
Group 3600